

**This Page Is Inserted by IFW Operations
and is not a part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- **BLACK BORDERS**
- **TEXT CUT OFF AT TOP, BOTTOM OR SIDES**
- **FADED TEXT**
- **ILLEGIBLE TEXT**
- **SKEWED/SLANTED IMAGES**
- **COLORED PHOTOS**
- **BLACK OR VERY BLACK AND WHITE DARK PHOTOS**
- **GRAY SCALE DOCUMENTS**

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

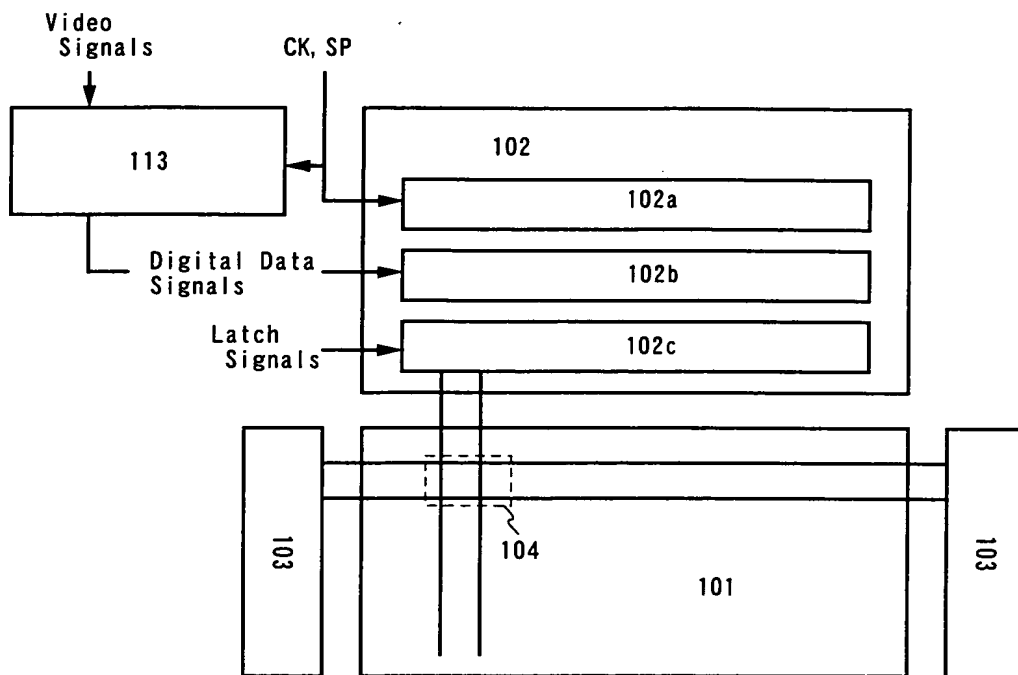


Fig. 1A

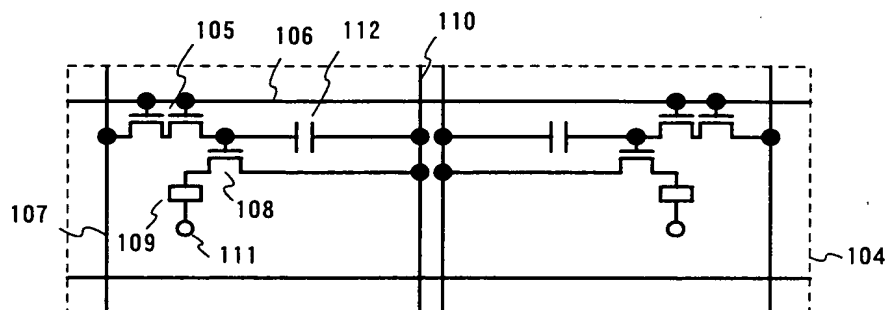


Fig. 1B

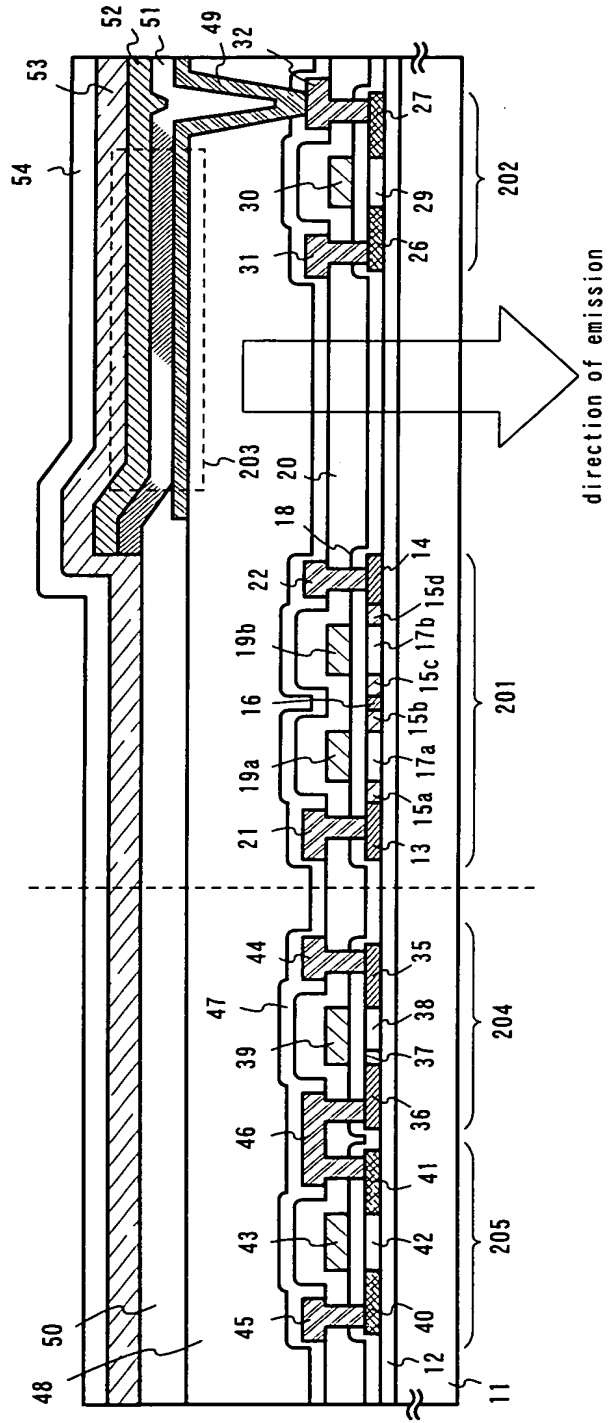


Fig. 2

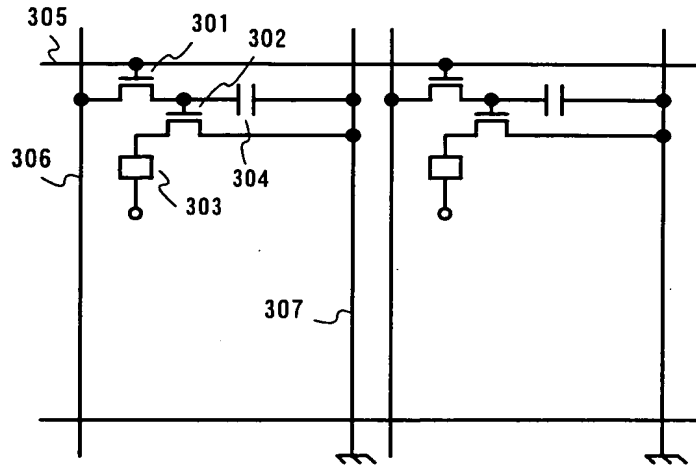


Fig. 3

FIG. 3

Fig. 4A

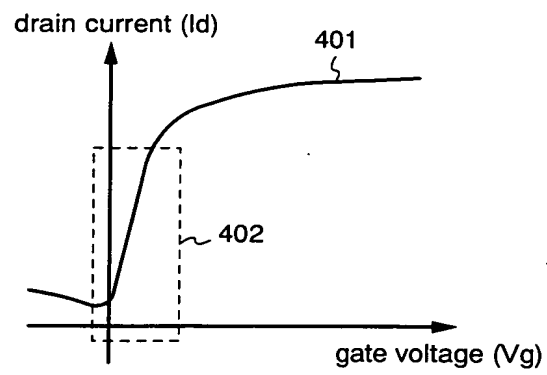


Fig. 4B

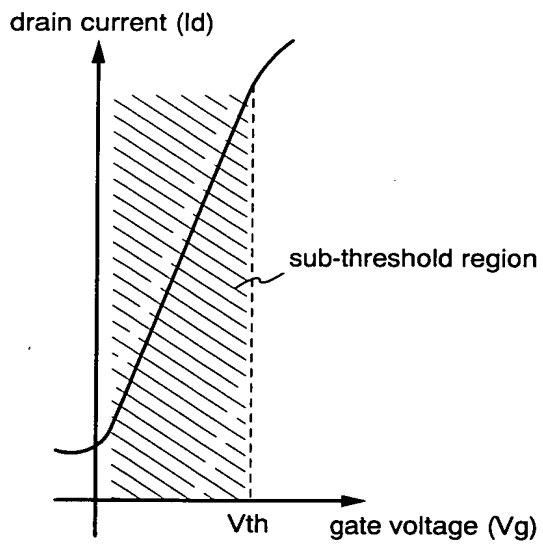


Fig. 5A

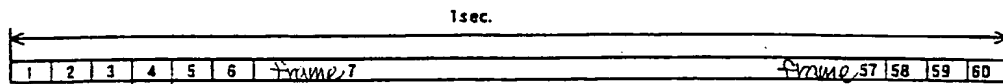


Fig. 5B

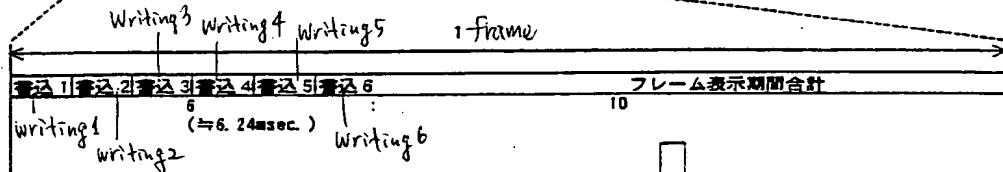


Fig. 5C

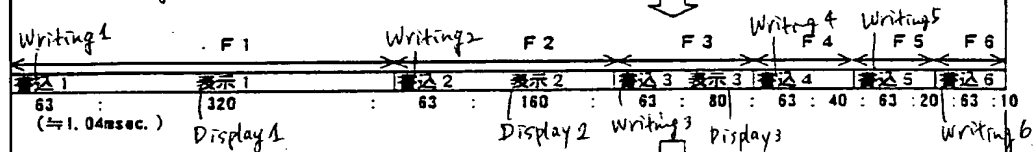


Fig. 5D

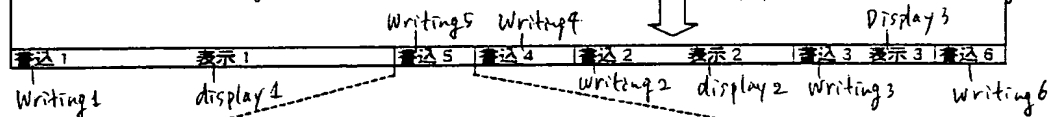


Fig. 5E

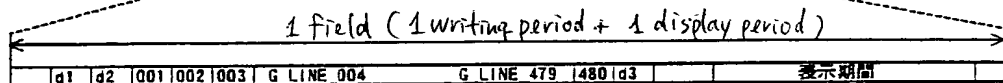


Fig. 5F

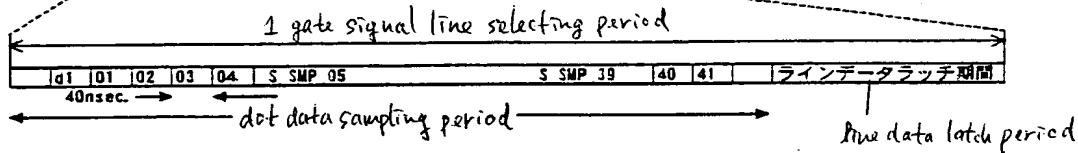
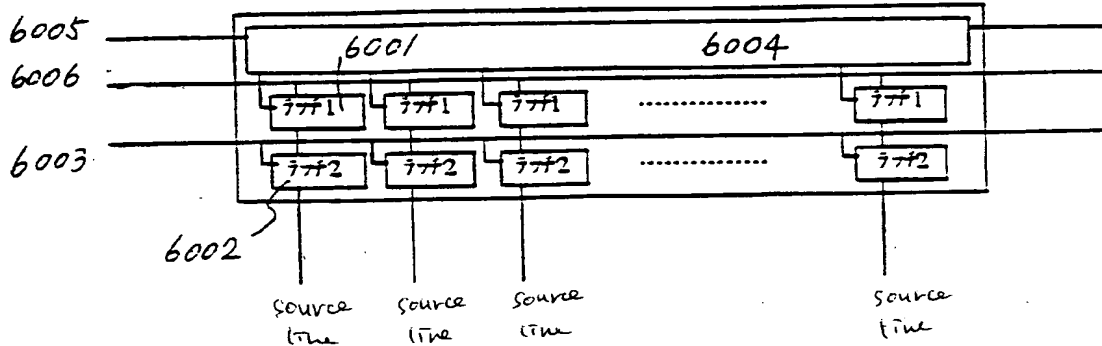


Fig. 6



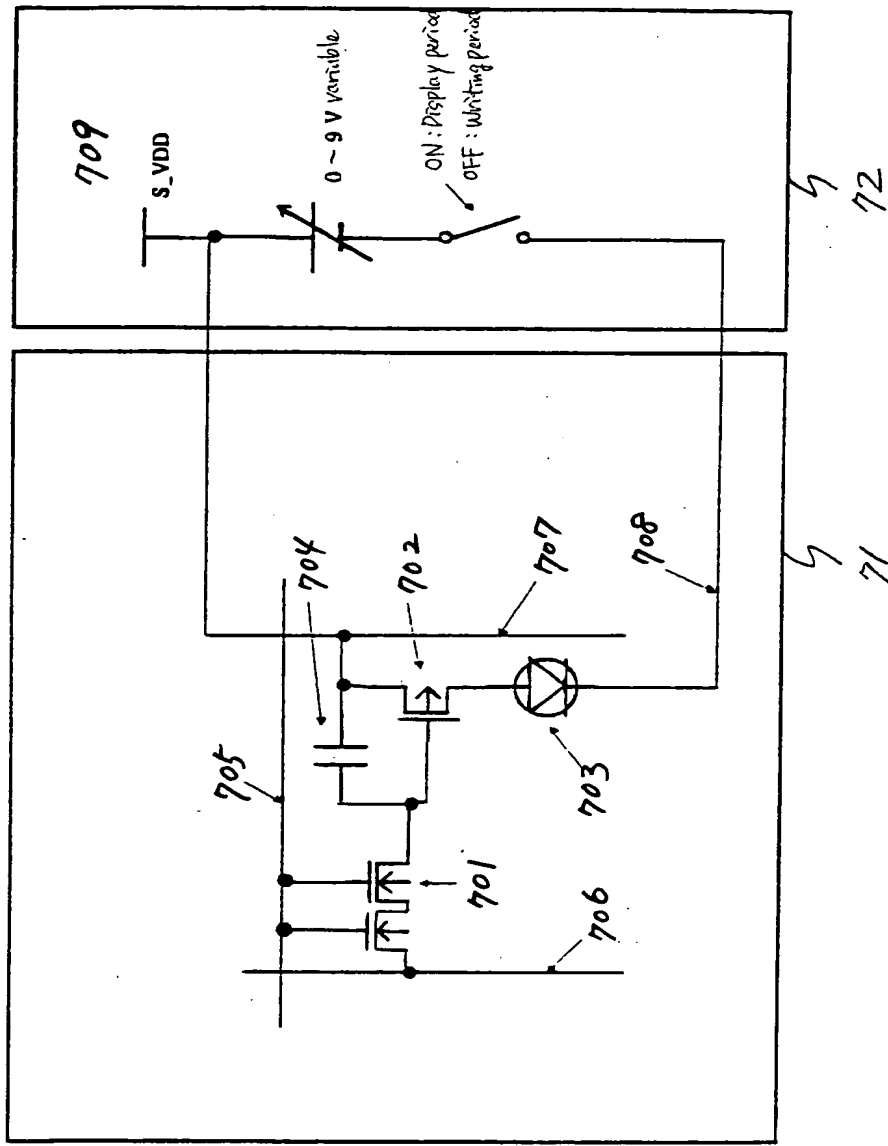


Fig. 7

Fig. 8

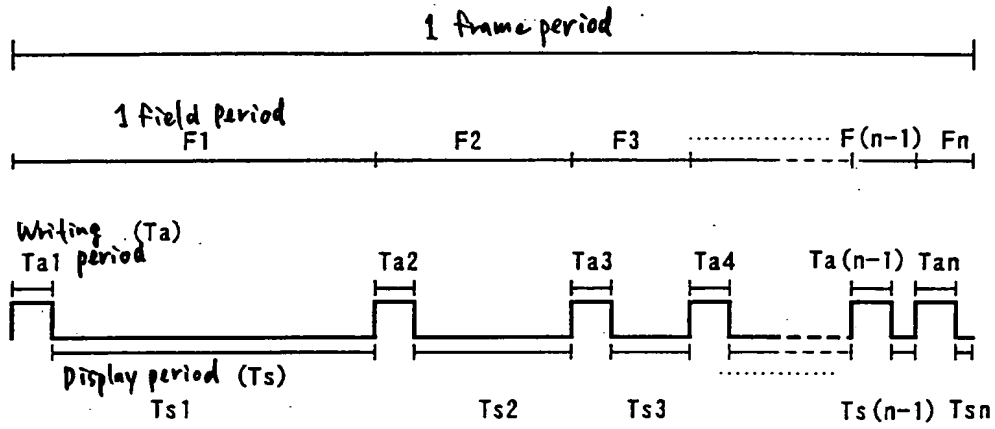


Fig. 9

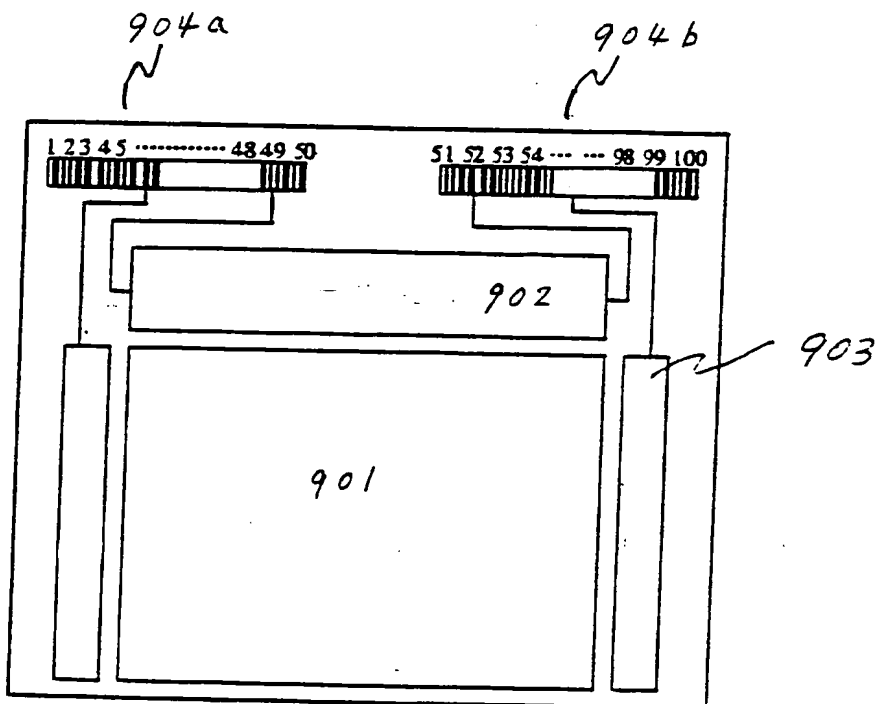
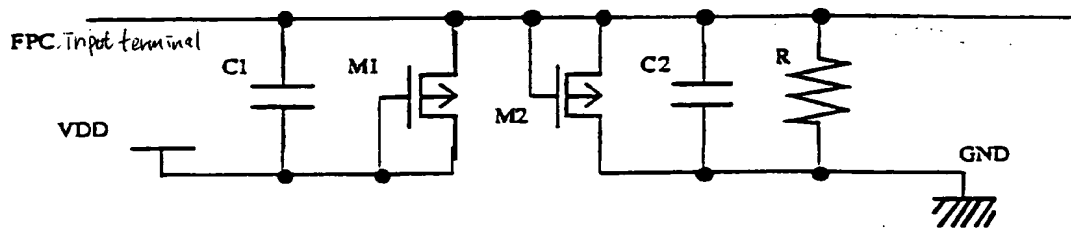


FIG. 8



$M1, M2 ; L=11W, W=250 \times 2 [\mu m]$
 $C1, C2 ; S=0.20 \times 0.08 [mm] \text{ (GTa-Al間)}$
 $R ; L=673, W=5 [\mu m] \text{ (LDDSi)}$

Fig. 10

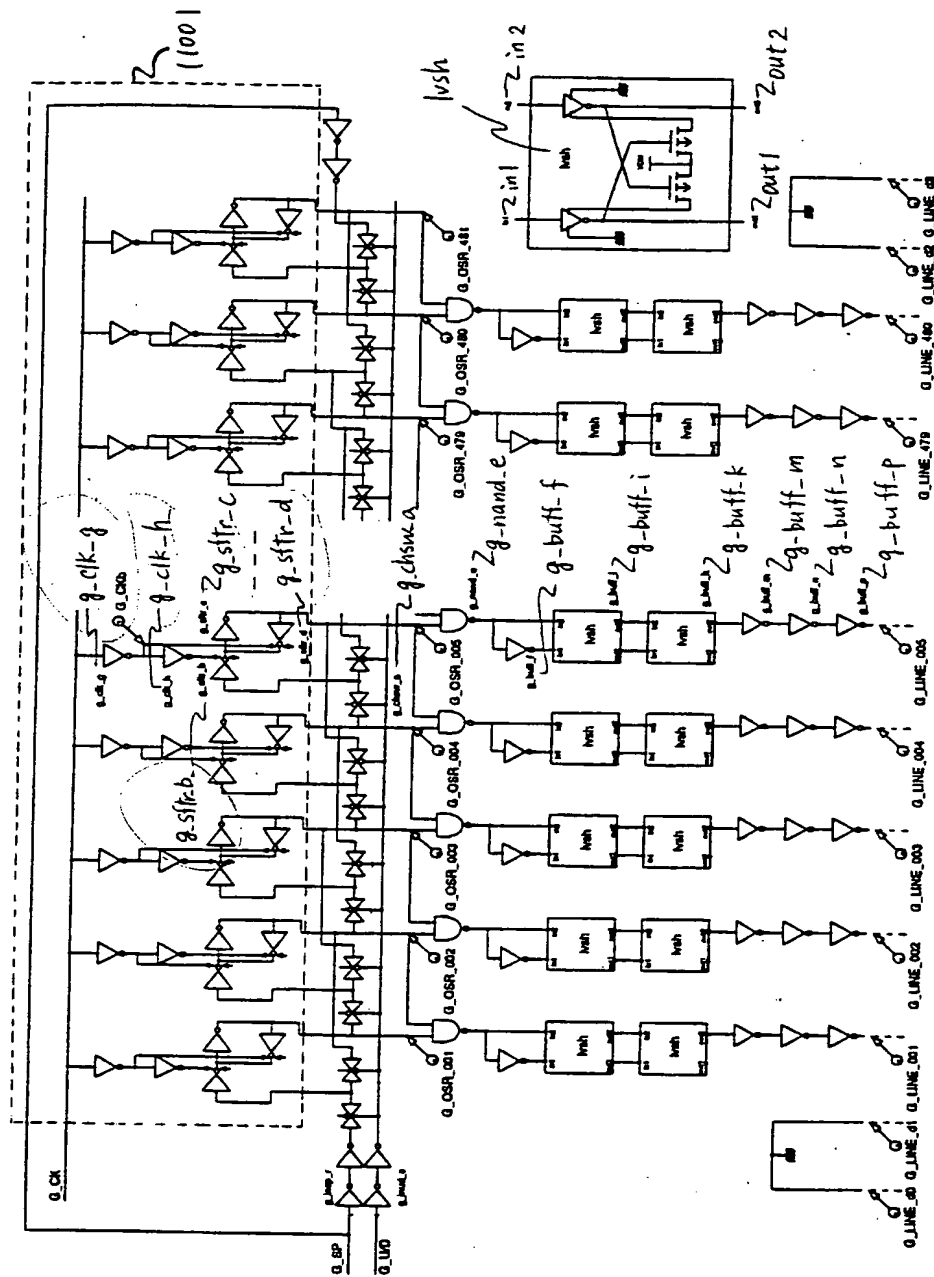


Fig. 11

$\begin{array}{c} \text{H}_2\text{O} \\ | \\ \text{H}-\text{C}-\text{OH} \\ | \\ \text{HOCH}_2-\text{CHO} \end{array}$

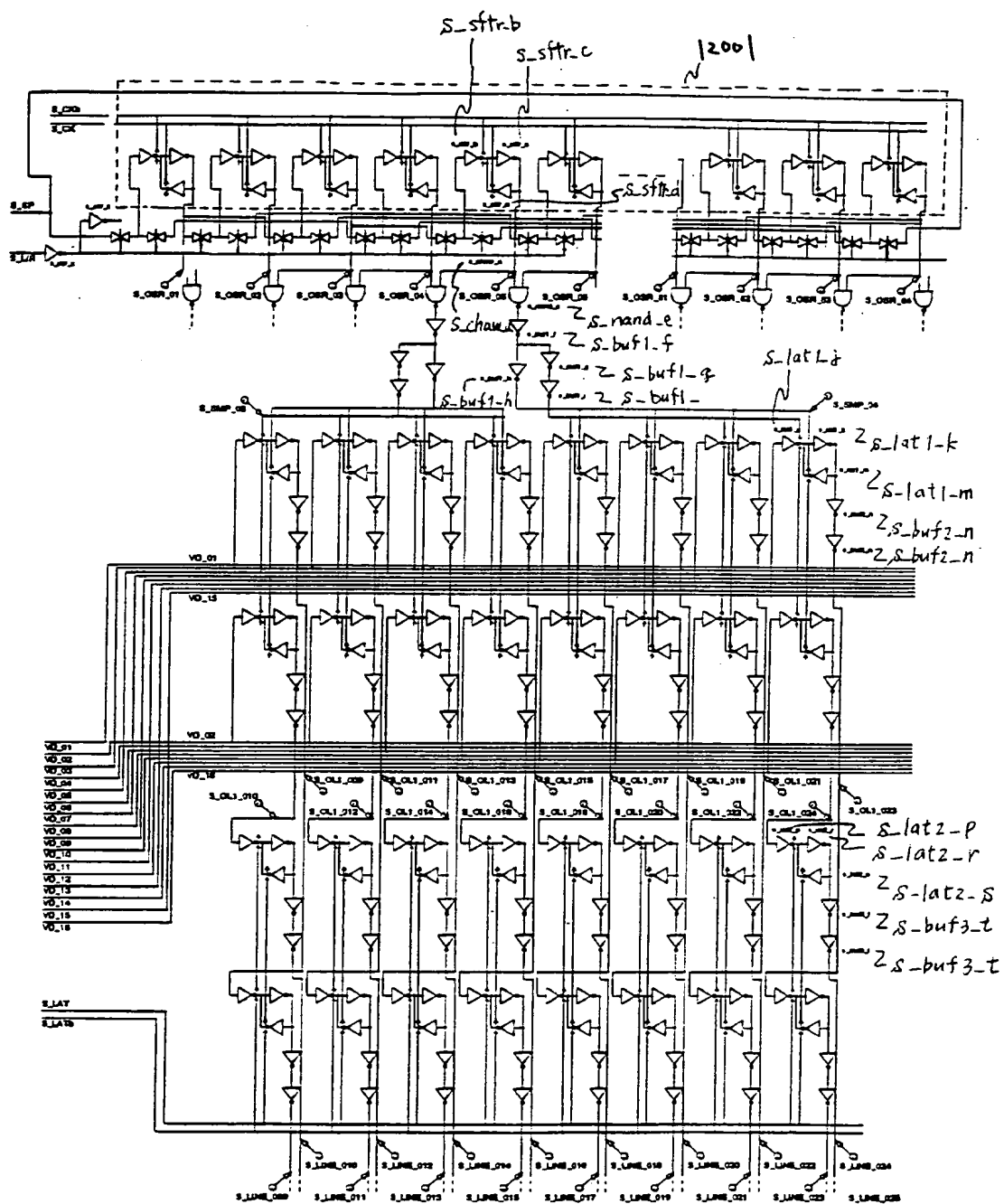


Fig. 12

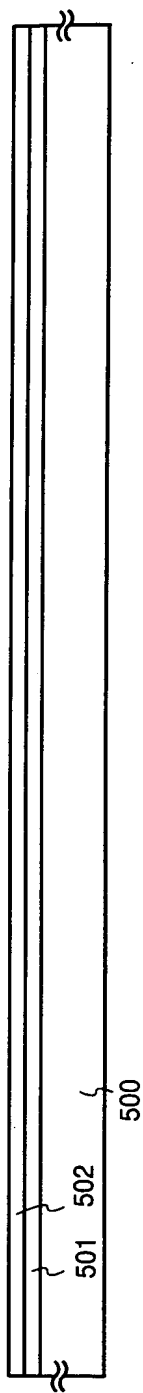


Fig. 13A

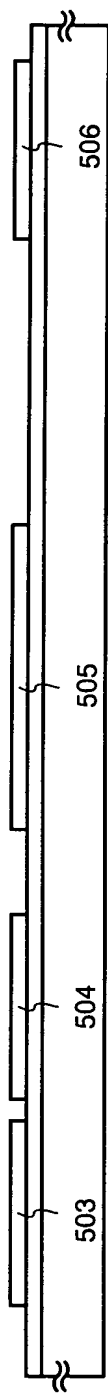


Fig. 13B



Fig. 13C

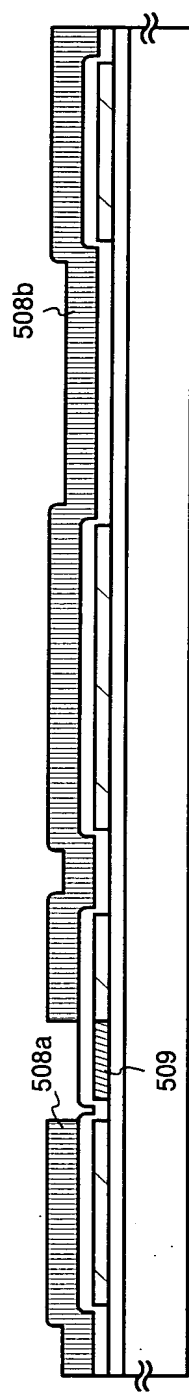


Fig. 13D

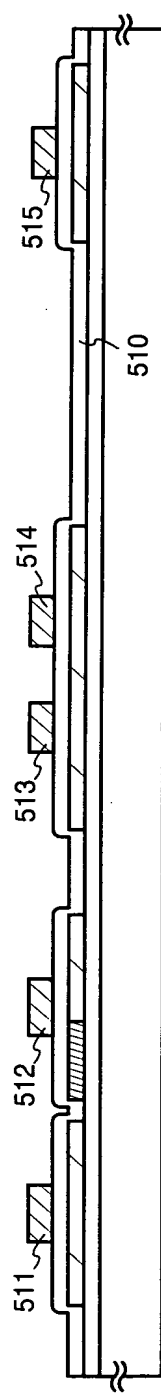


Fig. 13E

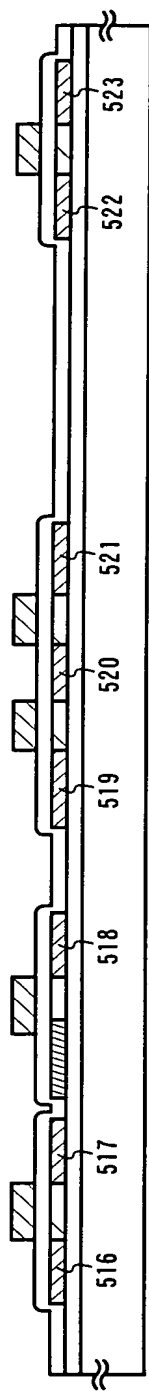


Fig. 14A

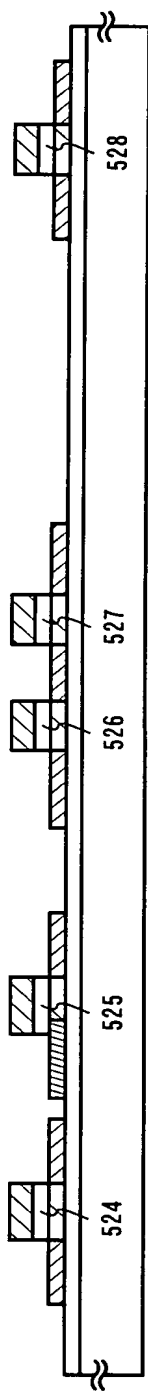


Fig. 14B

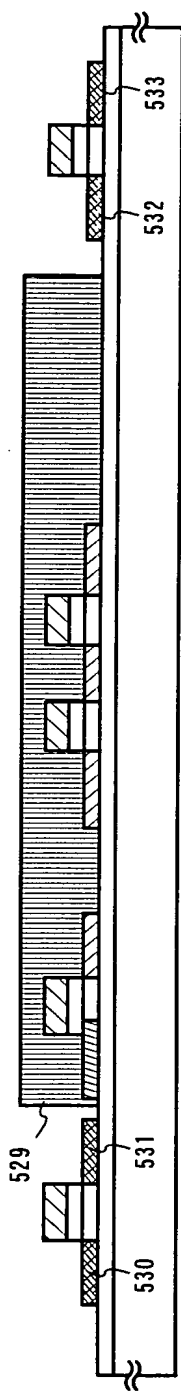


Fig. 14C

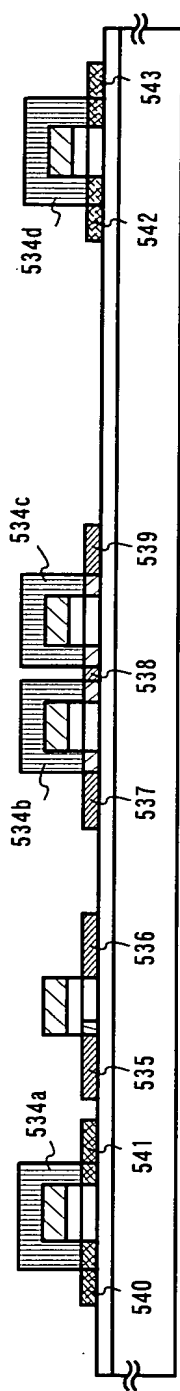


Fig. 14D

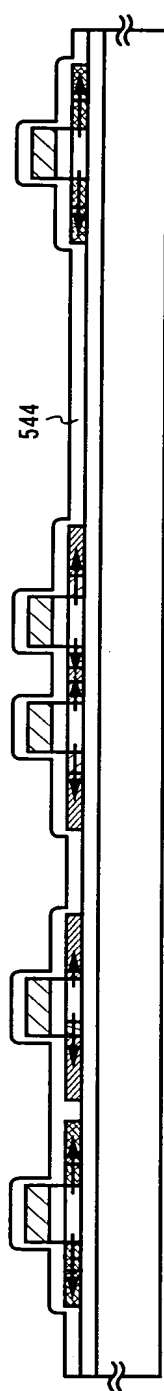


Fig. 14E

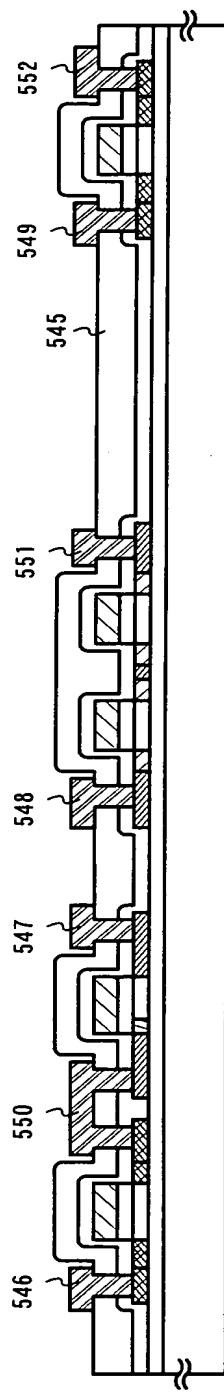


Fig. 15A

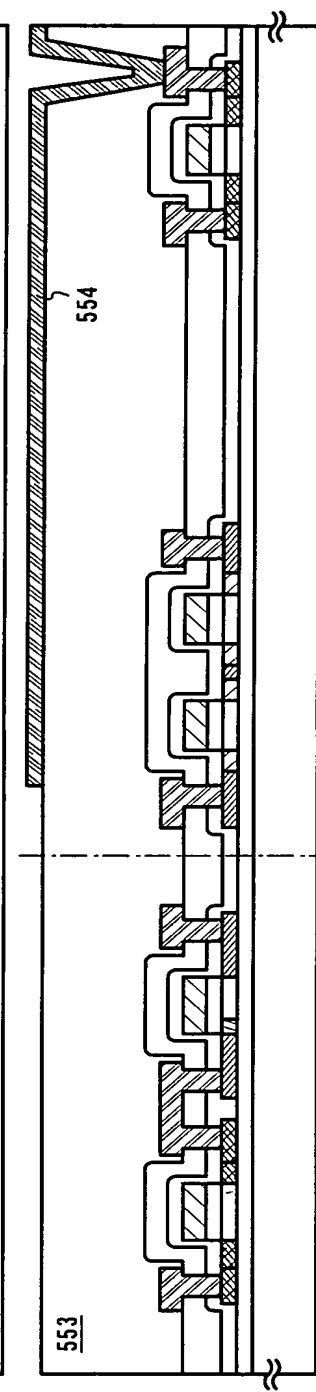


Fig. 15B

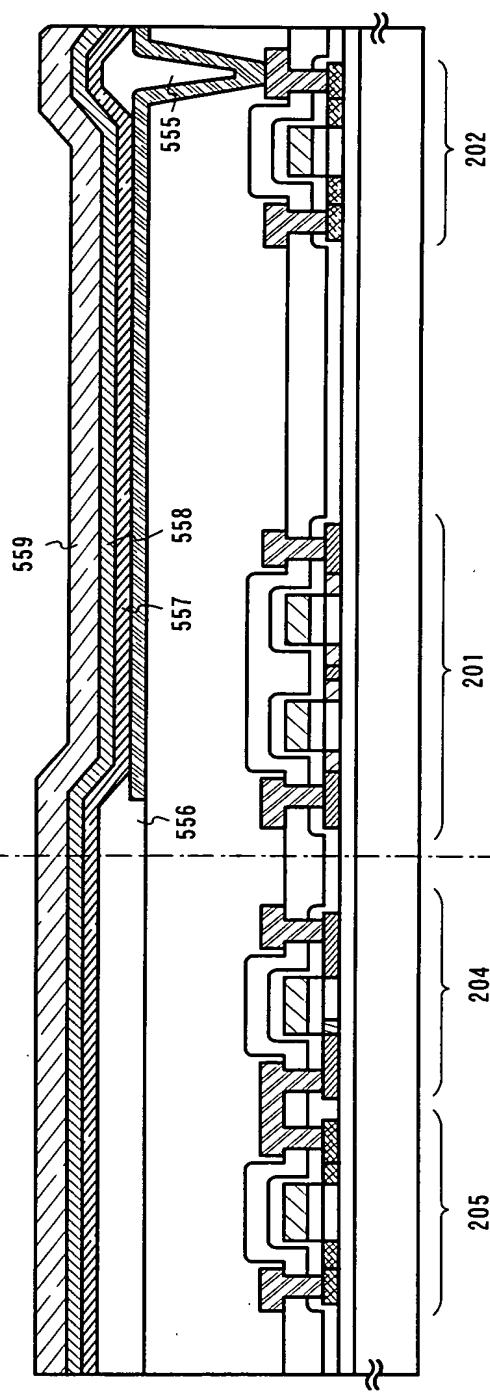


Fig. 15C

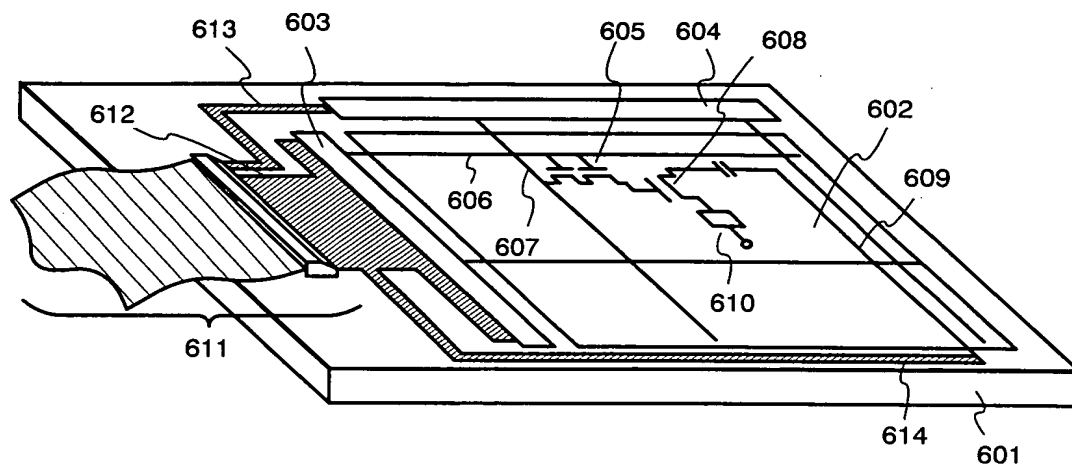


Fig. 16

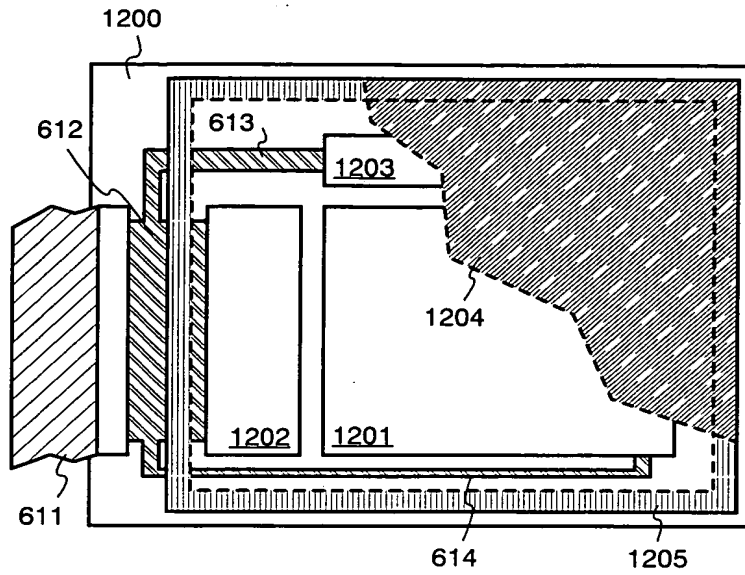


Fig. 17A

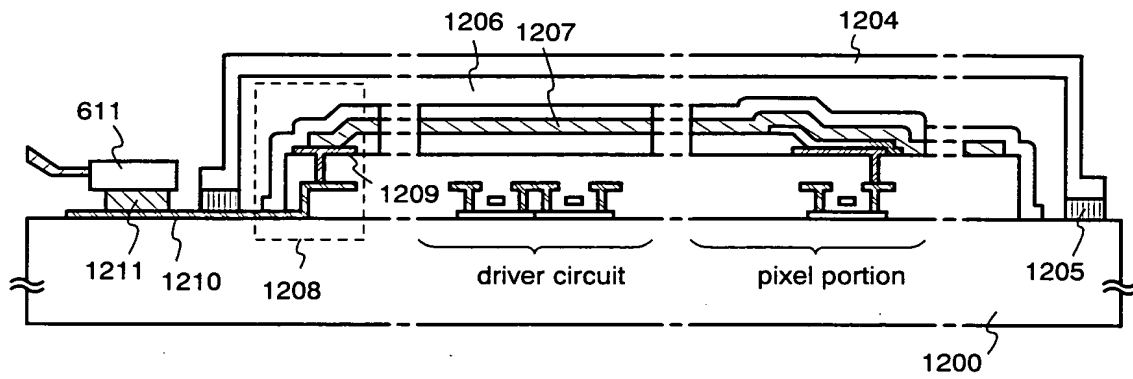


Fig. 17B

Fig. 18A

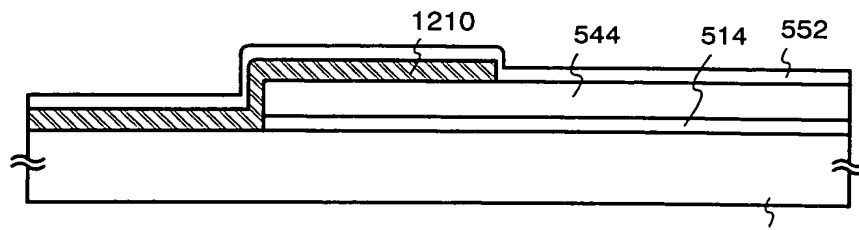


Fig. 18B

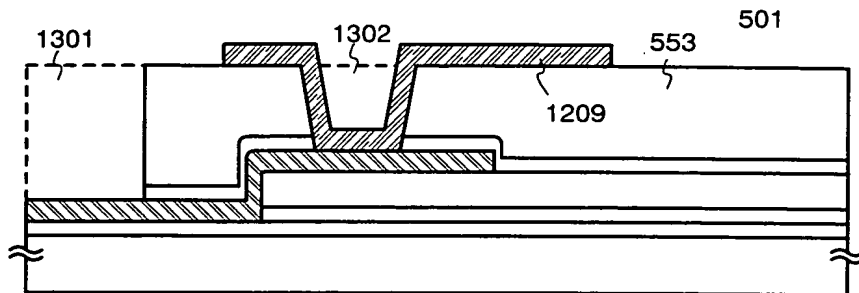
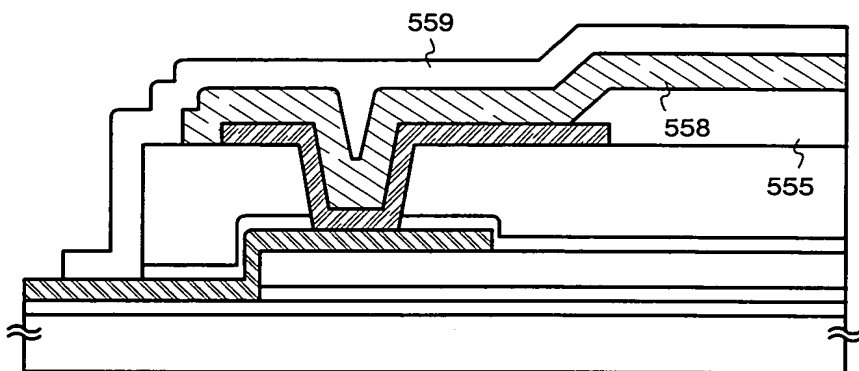


Fig. 18C



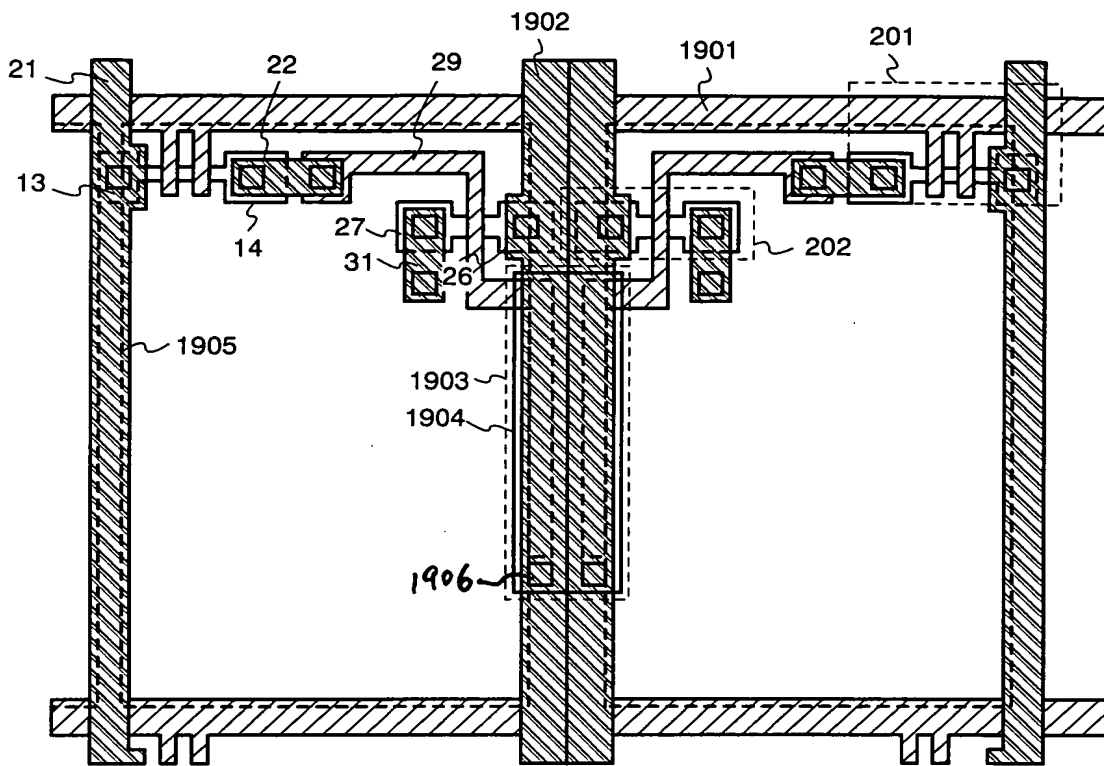


Fig. 19A

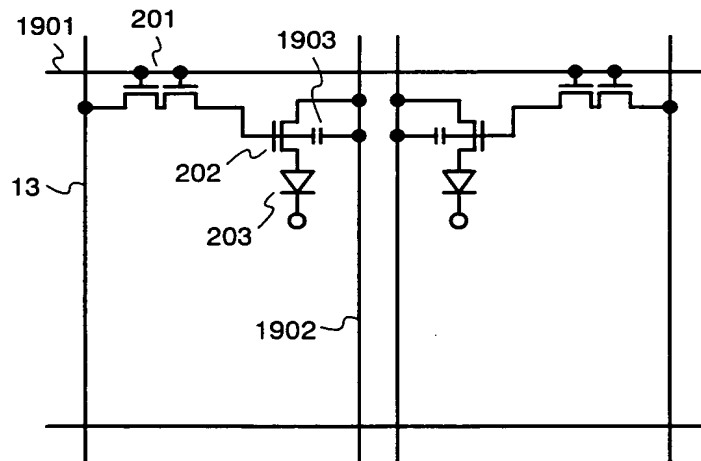


Fig. 19B

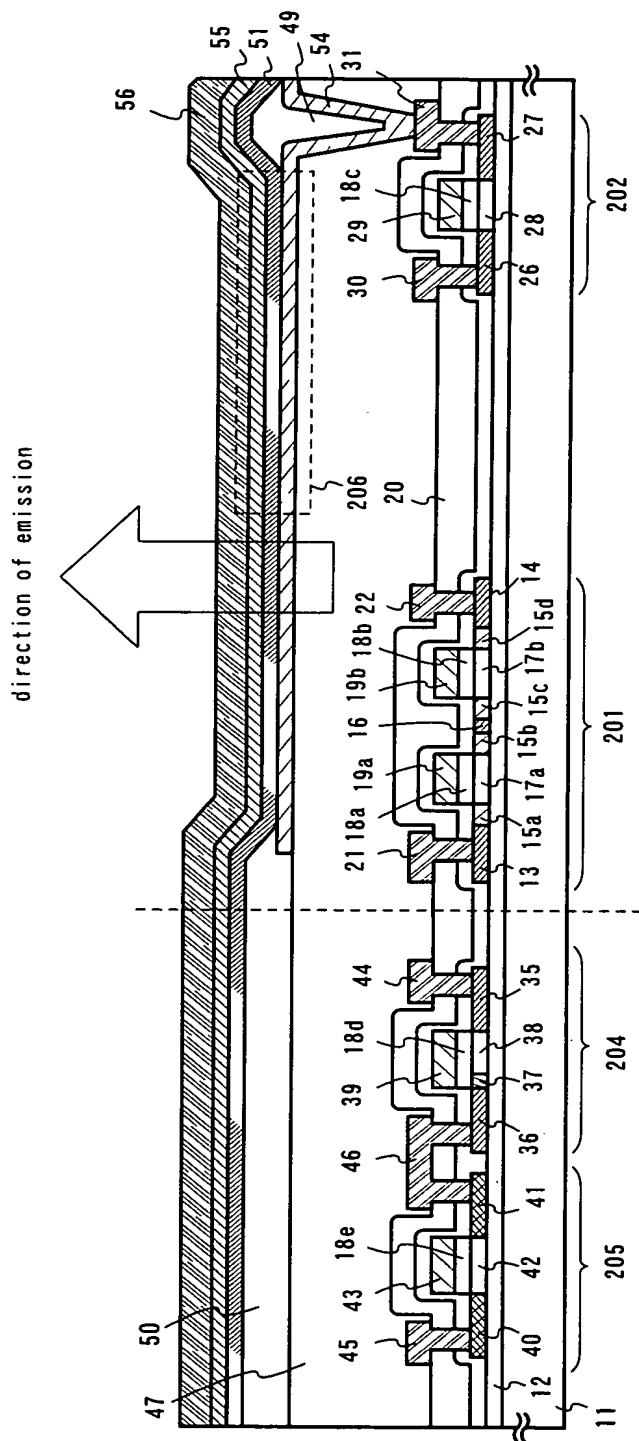


Fig. 20

shift register
(2601)

latch 1
(2602)

Fig. 21

FIG. 23

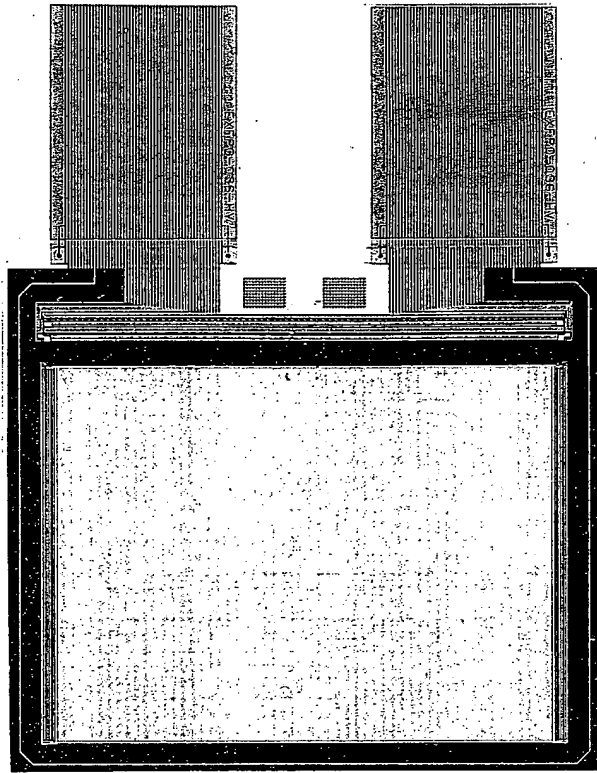


Fig. 23

Fig. 22A

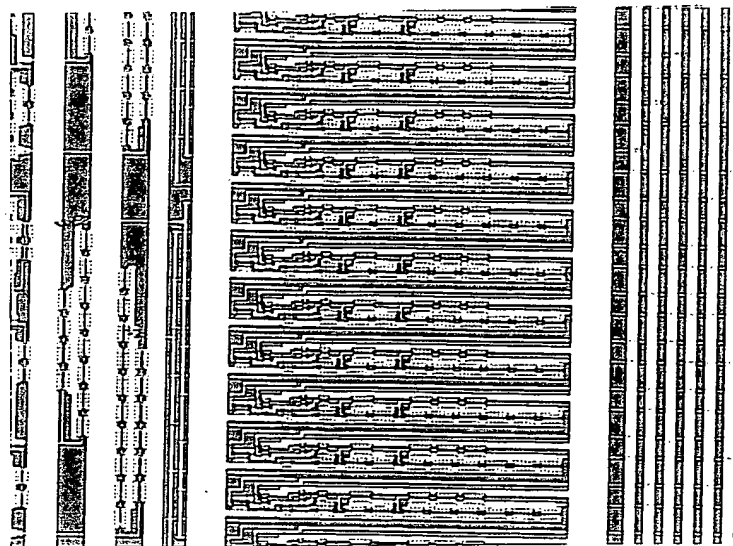
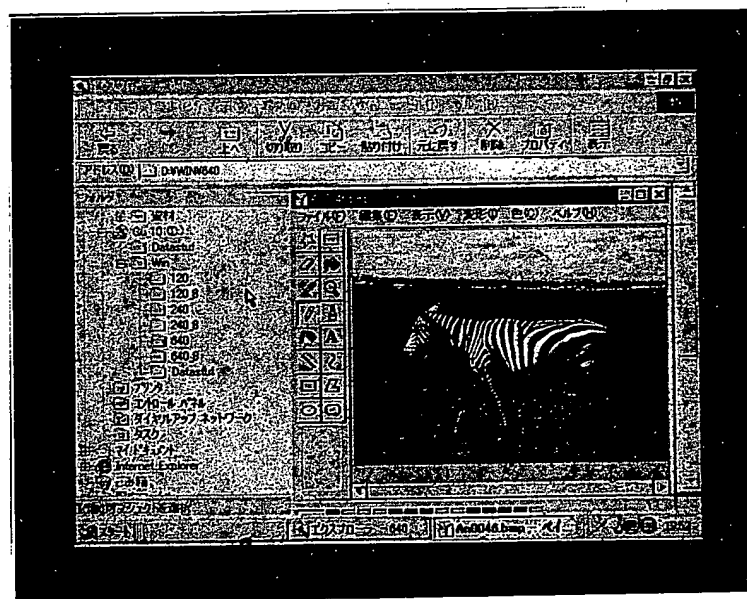


Fig. 22B



Metal
Alq
α -NPD
CuPc
ITO
Substrate

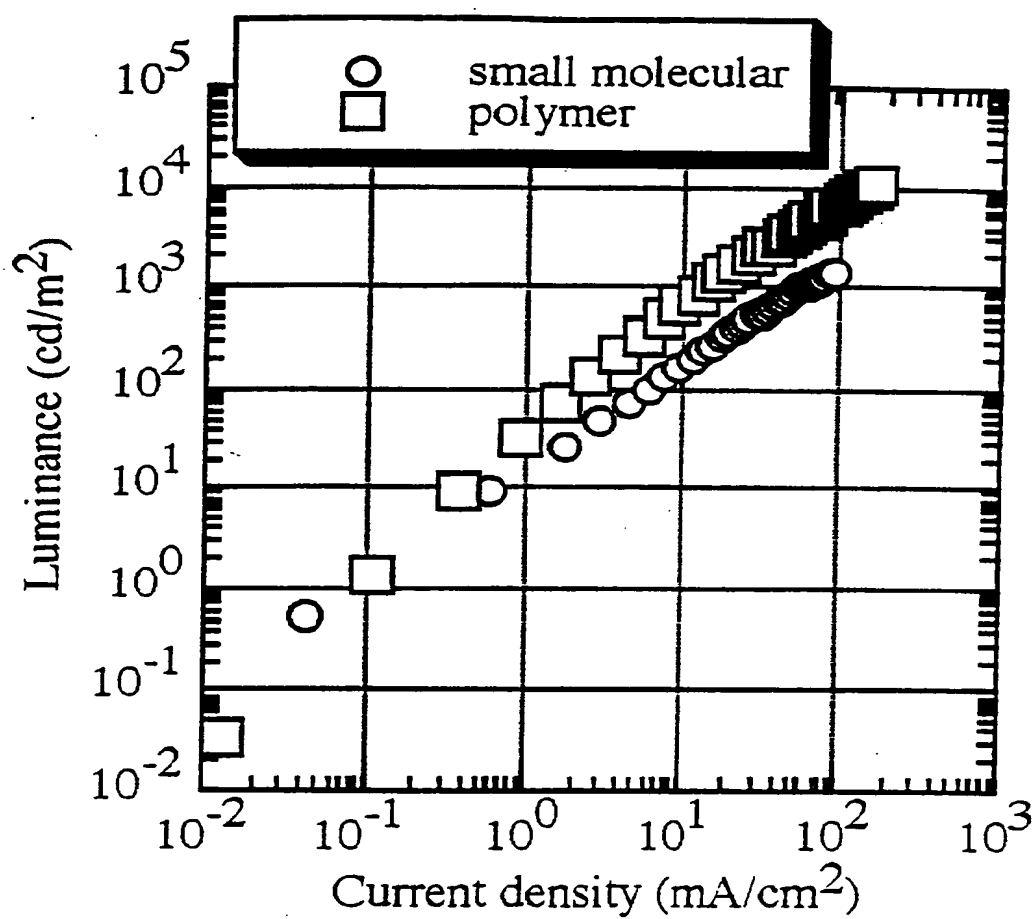
(A)

Metal
Polymer
ITO
Substrate

(B)

Structures of OLED

Fig. 24



L-J characteristics for small molecular(open circle) and polymer(open square)

Fig. 25

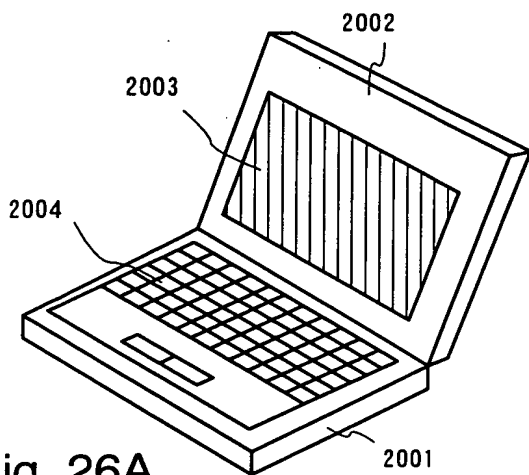


Fig. 26A

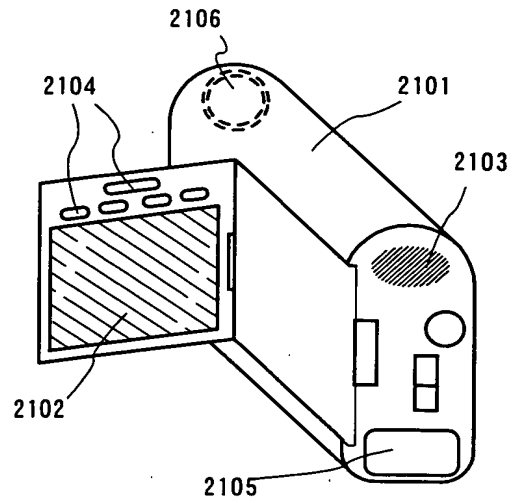


Fig. 26B

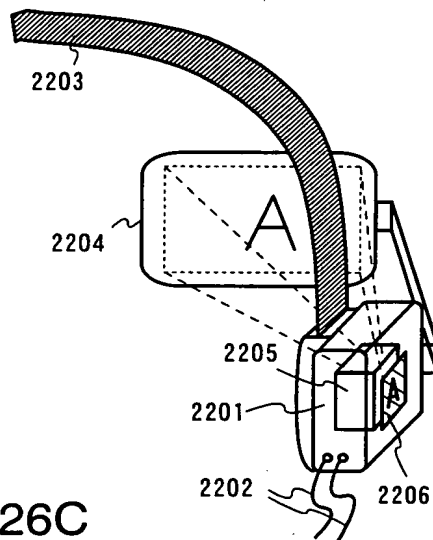


Fig. 26C

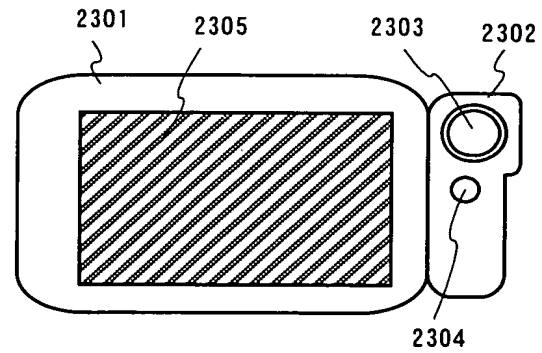


Fig. 26D

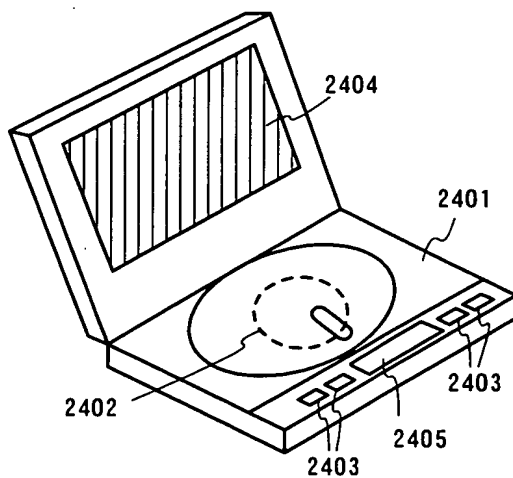


Fig. 26E

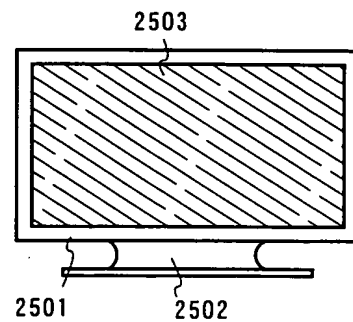


Fig. 26F

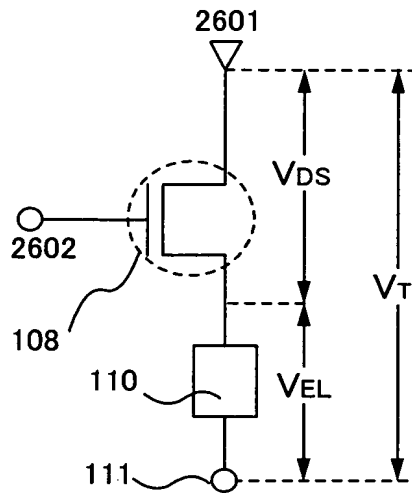


Fig. 27A

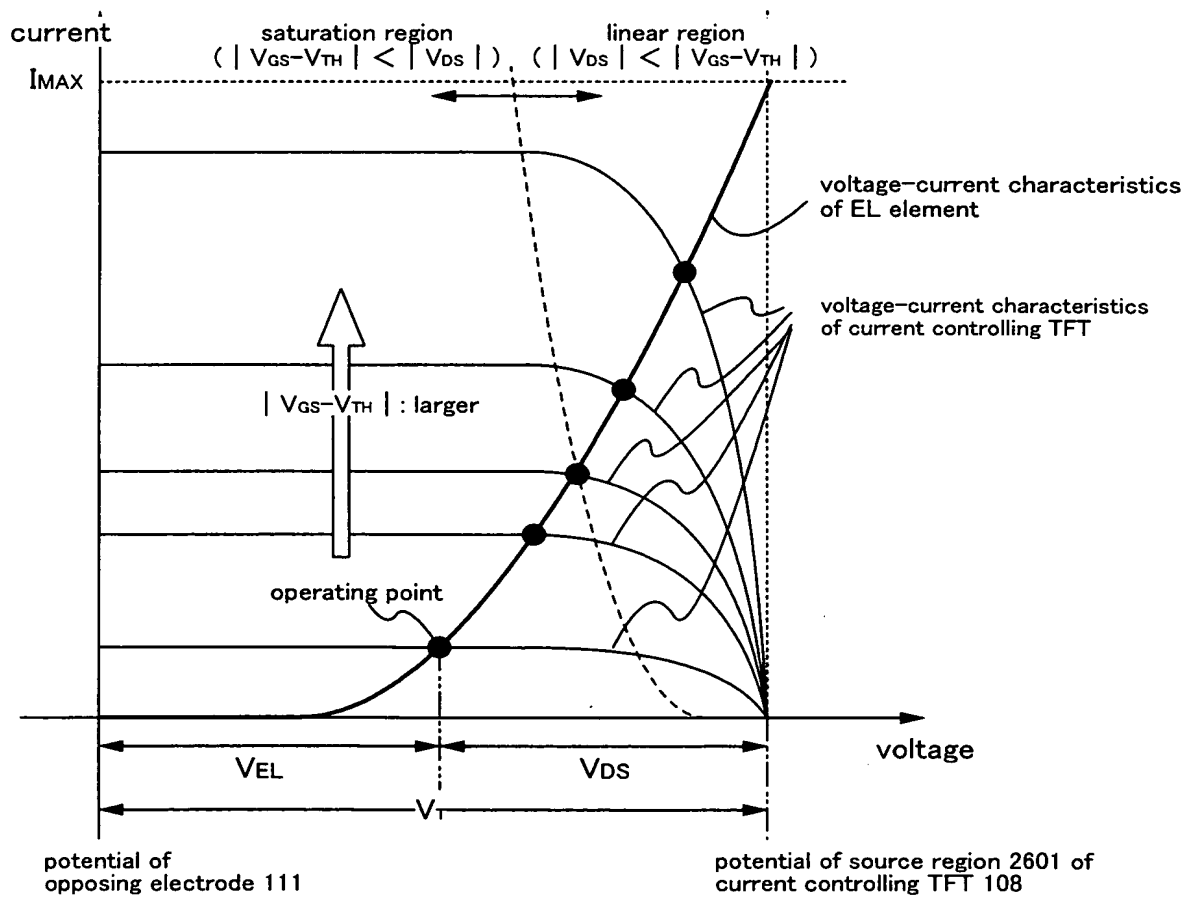


Fig. 27B

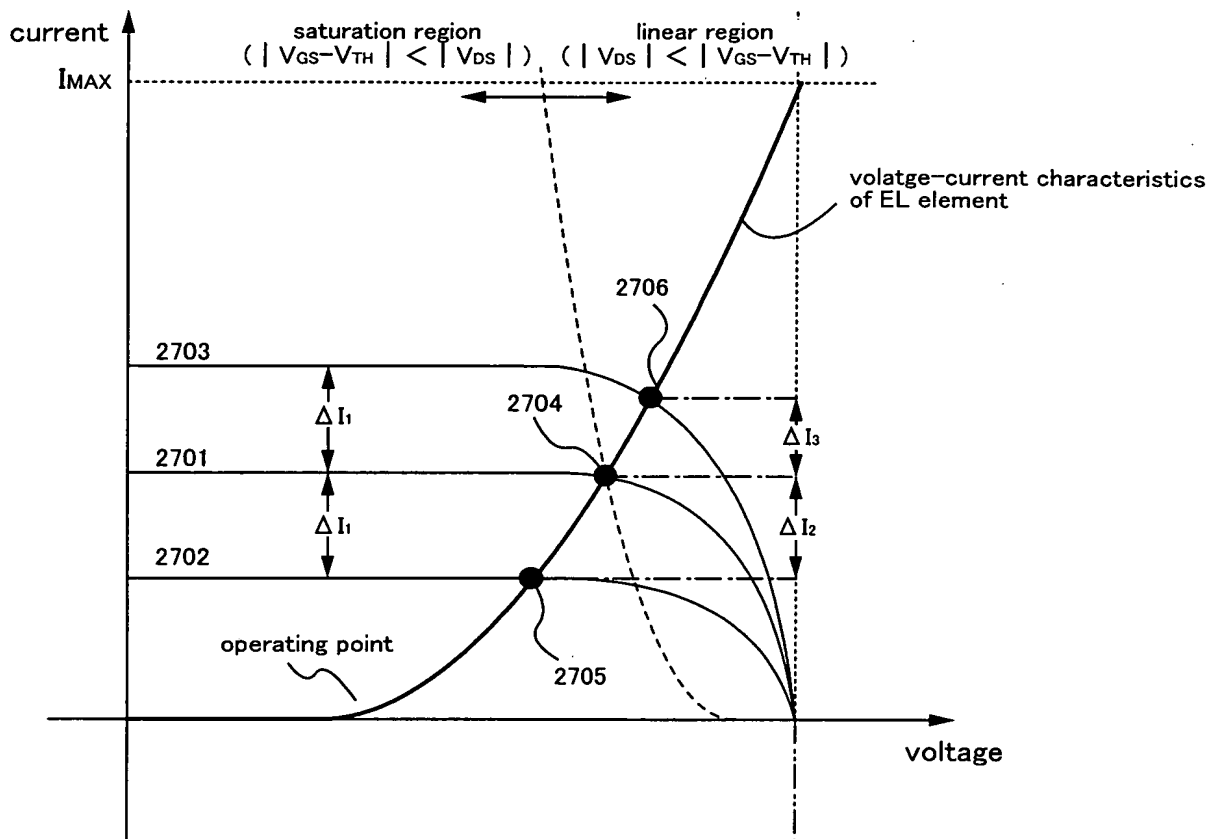


Fig. 28

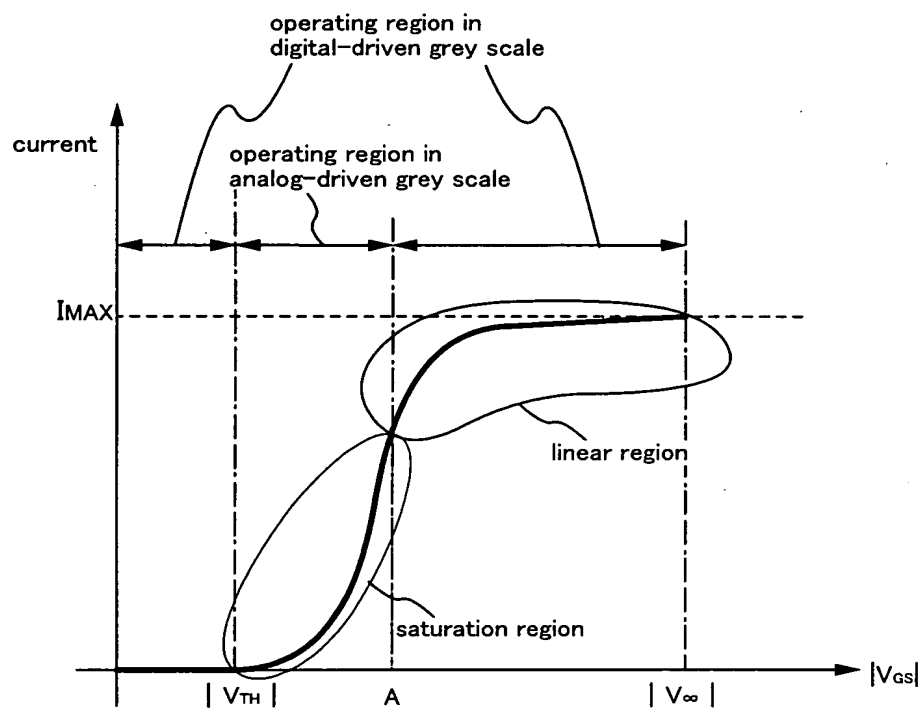


Fig. 29